

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-44. (canceled)

45. (Currently Amended) A method for registering a pelvis of a subject in a lateral decubitus position, comprising:

while the subject is in the lateral decubitus position, determining the position of at least a first point of the pelvis and a second point of the pelvis in a first plane ~~parallel to a first cardinal plane of the pelvis~~;

while maintaining the subject is said lateral decubitus position, determining the position of at least a third point of the pelvis and a fourth point of the pelvis in a second plane ~~parallel to a second cardinal plane of the pelvis~~, wherein the second plane is perpendicular to the first plane, wherein the first plane is the frontal pelvic plane and the second plane is the mid-sagittal pelvic plane;

storing the positions of the first, second, third and fourth points of the pelvis in a data processing device; and

using the data processing device to determine ~~determining~~ the position of a third cardinal plane of the pelvis, wherein the third cardinal plane is perpendicular to the first cardinal plane and second cardinal plane.

46. (Previously Presented) The method of claim 45, wherein one of the first and second points or one of the third and fourth points is common to the first plane and the second plane.

47-48. (Cancelled)

49. (Previously Presented) The method of claim 45, wherein the third cardinal plane is the transverse pelvic plane.

50. (Previously Presented) The method of claim 45, further comprising the step of determining the position of a fifth point of the pelvis in the first plane.

51. (Previously Presented) The method of claim 50, further comprising the step of determining the position of a sixth point of the pelvis in the second plane.

52-53. (Cancelled)

54. (Previously Presented) The method of claim 45, wherein determining the position of the first, second, third and fourth points includes tracking the position of an instrument bearing a marker detectable by a tracking system.

55. (Previously Presented) The method of claim 45, further comprising the step of registering the position of the pelvis with a virtual model of the pelvis or an image of the pelvis.

56. (Previously Presented) The method of claim 45, further comprising the step of attaching a marker detectable by a tracking system to determine the position of the marker to a specified anatomical feature of the pelvis.

57. (Previously Presented) The method of claim 45, wherein determining the position of the first, second, third and fourth points includes applying an end of an instrument to respective anatomical features of the pelvis.

58. (Previously Presented) The method of claim 57, wherein determining the position of the first, second, third and fourth points includes subcutaneously applying the end of the instrument.

59. (Previously Presented) The method of claim 57, wherein determining the position of the first, second, third and fourth points includes percutaneously applying the end of the instrument.

60. (Previously Presented) The method of claim 59, further comprising the step of palpating the skin of the subject to identify the anatomical features before applying the end of the instrument to the skin above the anatomical feature.

61. (Cancelled)

62. (Previously Presented) The method of claim 45, wherein the first point is the spina iliaca anterior superior and the second point is the symphysis pubis.

63. (Previously Presented) The method of claim 45, wherein the third point is the spinous process of the S1 vertebra and the fourth point is the spinous process of the S2 vertebra.

64. (Previously Presented) The method of claim 46, wherein the point common to the first and second planes is the symphysis pubis.

65-76. (Cancelled)

77. (Previously Presented) A method for registering a pelvis of a subject in a lateral decubitus position, comprising:

while the subject is in the lateral decubitus position, calculating the position of a first cardinal plane of the pelvis using the position of at least a first point and a second point located in a first plane parallel to the first cardinal plane;

while maintaining the subject is said lateral decubitus position, calculating the position of a second cardinal plane of the pelvis using the position of at least a third point and a fourth point located in a second plane parallel to the second cardinal plane, wherein the first plane is the frontal pelvic plane and the second plane is the mid-sagittal pelvic plane;

storing the positions of the first, second, third and fourth points of the pelvis in a data processing device; and

using the data processing device to calculate~~calculating~~ the position of a third cardinal plane of the pelvis, wherein the first, second and third cardinal planes are mutually perpendicular.

78. (Cancelled)

79. (Currently Amended) The method of claim 77, wherein the ~~first cardinal plane is the frontal pelvic plane and/or the second plane is the sagittal pelvic plane and/or the third plane is the transverse pelvic plane.~~

80. (Currently Amended) The method of ~~any~~ of claims 77, wherein calculating the position of the second cardinal plane also uses a one of the first or second points.

81. (Previously Presented) The method of claim 80, wherein the first or second point is the symphysis pubis.

82-85. (Cancelled)